



PUGET SOUND AIR POLLUTION CONTROL AGENCY

ENGINEERING DIVISION

110 Union Street, Suite 500 • Seattle, WA 98101-2038

Telephone: (206) 689-4052

Notice of Construction and Application for Approval

FORM P
SIDE 1

Be sure to complete items 39, 40, 41, & 43 before submitting Form P.

(AGENCY USE ONLY)

DATE _____ N/C NUMBER _____
REG. NO. _____ VAR. NO. _____
SIC. NO. _____ COS. NO. _____
GRID NO. _____ UTM _____

1. TYPE OF BUILDING (Check) <input checked="" type="checkbox"/> New <input type="checkbox"/> Existing	2. STATUS OF EQUIPMENT (Check) <input checked="" type="checkbox"/> New <input type="checkbox"/> Existing <input type="checkbox"/> Altered <input type="checkbox"/> Relocation	7. APPLICANT ASH GROVE CEMENT CO. Gerald J. Brown
3. COMPANY (OR OWNER) NAME ASH GROVE CEMENT CO.		8. APPLICANT ADDRESS 3801 E. Marginal Way So. Seattle, WA 98134
4. COMPANY (OR OWNER) MAILING ADDRESS 3801 East Marginal Way So. Seattle Wa. 98134		9. INSTALLATION ADDRESS SAME
5. NATURE OF BUSINESS Cement Manufacturing		10. TYPE OF PROCESS

EQUIPMENT (ENTER ONLY NEW EQUIPMENT OR CHANGES. ENTER NUMBER OF UNITS OF EQUIPMENT IN COLUMN 'NO. OF UNITS.' COMPLETE FORM 'S' FOR EACH ENTRY.)

11. NO. OF UNITS	SPACE HEATERS OR BOILERS (Complete Form S-A)	14. NO. OF UNITS	OVENS	15. NO. OF UNITS	MECHANICAL EQUIP.	16. NO. OF UNITS	MELTING FURNACES
(a) _____		(a) _____	CORE BAKING OVEN	(a) _____	AREAS	(a) _____	POT
12. NO. OF UNITS	INCINERATORS (Complete Form S-B)	(b) _____	PAINT BAKING	(b) 1	BULK CONVEYOR	(b) _____	REVERBERATORY
		(c) _____	PLASTIC CURING	(c) _____	CLASSIFIER	(c) _____	ELECTRIC INOC/RESIST
(a) _____		(d) _____	LITHO COATING OVEN	(d) _____	STORAGE BIN	(d) _____	CRUCIBLE
13. NO. OF UNITS	OTHER SYSTEMS	(e) _____	DRYER	(e) _____	BAGGING	(e) _____	CUPOLA
		(f) _____	ROASTER	(f) _____	OUTSIDE BULK STORAGE	(f) _____	ELECTRIC ARC
(a) _____	DEGREASING SOLVENT	(g) _____	KILN	(g) _____	LOADING OR UNLOADING	(g) _____	SWEAT
(b) _____	ABRASIVE BLASTING	(h) _____	HEAT-TREATING	(h) _____	BATCHING	(h) _____	OTHER METALLIC
(c) _____	OTHER - SYSTEM	(i) _____	OTHER	(i) _____	MIXER (SOLIDS)	(i) _____	GLASS
		(j) _____		(j) 1	OTHER Storage Dome	(j) _____	OTHER NON METALLIC
17. NO. OF UNITS	GENERAL OPER. EQUIP.	17. NO. OF UNITS	GENERAL OPER. EQUIP.	17. NO. OF UNITS	GENERAL OPER. EQUIP.	18. NO. OF UNITS	OTHER EQUIPMENT
(a) _____	CHEMICAL MILLING	(a) _____	GALVANIZING	(a) _____	ASPHALT BLOWING	(a) _____	SPRAY PAINTING GUN
(b) _____	PLATING	(b) _____	IMPREGNATING	(b) _____	CHEMICAL COATING	(b) _____	SPRAY BOOTH OR ROOM
(c) _____	OIGESTER	(c) _____	MIXING OR FORMULATING	(c) _____	COFFEE ROASTER	(c) _____	FLOW COATING
(d) _____	DRY CLEANING	(d) _____	REACTOR	(d) _____	SAWS & PLANERS	(d) _____	FIBERGLASSING
(e) _____	FORMING OR MOLDING	(e) _____	STILL	(e) _____	STORAGE TANK	(e) _____	OTHER

CONTROL DEVICES (ENTER NUMBER OF UNITS OF EQUIPMENT IN SPACES IN COLUMNS. COMPLETE A FORM R FOR EACH ENTRY.)

19. NO. OF UNITS	CONTROL DEVICE	20. NO. OF UNITS	CONTROL DEVICE	21. NO. OF UNITS	CONTROL DEVICE	22. NO. OF UNITS	CONTROL DEVICE
(a) _____	SPRAY CURTAIN	(a) _____	AIR WASHER	(a) _____	ABSORBER	(a) _____	DEMISTER
(b) _____	CYCLONE	(b) _____	WET COLLECTOR	(b) _____	ADSORBER	(b) 1	BAGHOUSE
(c) _____	MULTIPLE CYCLONE	(c) _____	VENTURI SCRUBBER	(c) _____	FILTER PADS	(c) _____	ELEC. PRECIPITATOR
(d) _____	INERTIAL COLL. - OTHER	(d) _____		(d) _____	AFTERBURNER	(d) _____	OTHER

23. BASIC EQUIPMENT COST (Estimate) 4.5 million	24. CONTROL EQUIPMENT COST (Estimate) 35,000	25. DAILY HOURS 24 hours FROM _____ AM TO _____ PM	26. DAYS OF OPERATION (Circle) S M T W T F S
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27. ESTIMATED STARTING DATE OF CONSTRUCTION: December 15, 1997	28. ESTIMATED COMPLETION DATE OF CONSTRUCTION: June 1, 1997
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29. RAW MATERIALS (List starting material used in process) AND FUELS (Type and amount)	ANNUAL AMT. UNITS	30. PRODUCTS (List End Products)	ANNUAL PROD. Tons UNITS
		Portland Cement	45,000

AGCS2M002070

SEA0473

Notice of Construction Application

FORM P

STACKS OR VENTS (LIST NUMBER, TYPE, AND SIZE OF VENT)

31. NO. OF UNITS	DESCRIPTION OF OPENING	32. HEIGHT ABOVE GRADE (FT.)	33. VOLUME EXHAUSTED (ACFM)	DIMENSIONS (INCHES)	
				34. LENGTH (OR DIAM)	35. WIDTH
(a)	STACKS				
(b)	FLUES				
(c)	PROCESS OR GENERAL EXHAUST				
(c) 1	PROCESS OR GENERAL VENTS	92.5 feet	6000	36"	18"x18"
(e)	SKYLIGHT OR WINDOW				
(f)	EXHAUST HOOD				
(g)	OTHER				

FLOW DIAGRAM

36. FLOW DIAGRAM INSTRUCTIONS:

- (a) FLOW DIAGRAM MAY BE SCHEMATIC. ALL EQUIPMENT SHOULD BE SHOWN WITH EXISTING EQUIPMENT SO INDICATED.
- (b) SHOW FLOW DIAGRAM OF PROCESS STARTING WITH RAW MATERIALS USED AND ENDING WITH FINISHED PRODUCT.
- (c) IF MORE THAN ONE PROCESS IS INVOLVED TO MAKE FINISHED PRODUCT, SHOW EACH PROCESS AND WHERE THEY MERGE.
- (d) INDICATE ALL POINTS IN PROCESS WHERE GASEOUS OR PARTICULATE POLLUTANTS ARE EMITTED.
- (e) FLOW CHART CAN BE ATTACHED SEPARATELY IF NECESSARY. (DRAWINGS MAY BE SUBMITTED INSTEAD IF DESIRED).
- (f) SHOW PICKUP AND DISCHARGE POINTS FOR HANDLING OR CONVEYING EQUIPMENT.

SEE PROPOSAL

37. LIST OF ATTACHMENTS AND ACCOMPANYING DATA OR COMMENTS:

FORM R NARRATIVE
 FORM S EMISSION ESTIMATE
 FLOW DIAGRAM EQUIPMENT SCHEDULE
 SITE PLAN

38. CERTIFICATION:

I, THE UNDERSIGNED, DO HEREBY CERTIFY THAT THE INFORMATION CONTAINED IN THIS APPLICATION AND THE ACCOMPANYING FORMS, PLANS, AND SUPPLEMENTAL DATA DESCRIBED HEREIN IS, TO THE BEST OF MY KNOWLEDGE, ACCURATE AND COMPLETE.

39. SIGNATURE

Gerald J. Brown

40. DATE

10/24/97

41. TYPE OR PRINT NAME

Gerald J. Brown

42. TITLE

Manager Safety and Environment

43. PHONE

206.623-5596

AGCS2M002071

SEA0474

PUGET SOUND AIR POLLUTION CONTROL AGENCY Engineering Division ■ 110 Union Street, Room 500 ■ Seattle, Washington 98101-2038 ■ (206) 689-4052			
NOTICE of CONSTRUCTION & APPLICATION for APPROVAL			
FOR AIR POLLUTION CONTROL EQUIPMENT ONLY		FORM R	
		For Agency Use: Date: _____ N/C# _____	

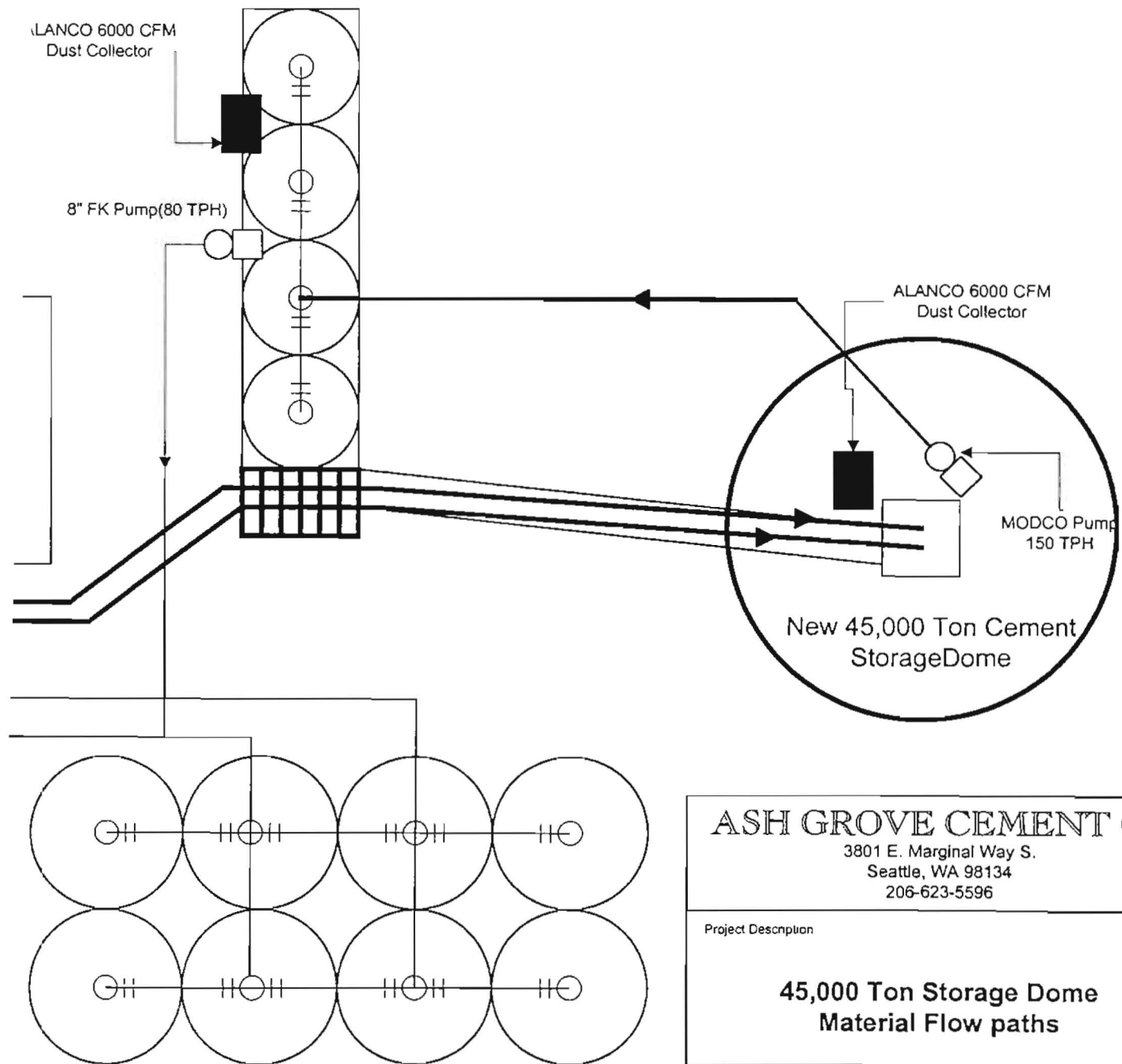
*Note: Information required by Section 1a must be completed for this form to be accepted for review.

1	a. Complete the Sections Indicated* <div style="display: flex; justify-content: space-between;"> [] 1 [] 2 [] 3 [] 4 [] 5 [] 6 [] 7 [] 8 [] 9 [] 10 [] 11 [] 12 </div>		b. Company (or owner) Installation Address ASH GROVE 3801 E. Marginal Way So. Seattle	
	c. Company (or owner) Name ASH GROVE CEMENT CO.		d. Applicant ASH GROVE CEMENT: Gerald J. Brown	
	e. Prepared by (name and title) Gerald J. Brown Manager Safety & Environment		f. Prepared by (signature) g. Phone 206. 623-5596	
2	a. AIR POLLUTION CONTROL EQUIPMENT	b. Type of Equipment Baghouse	c. Make & Model ALANCO 100AST 10	d. Dimensions (LxWxH) 83.5"x83.5"x189"
	e. Number of Units 1	f. Capacity 6000 acfm	g. Auxiliary Equipment	h. Connected to:
3	a. BAGHOUSE	b. Number of Bags 100	c. Shaking Cycle (auto or manual rapping or reverse air)	d. Cloth Area 1640 ft ²
	e. Material Used Polyester	f.	g. Air-to-Cloth Ratio (ft/minute) 3.66cfm/ft ²	h. Connected to: Storage Dome
4	a. ELECTROSTATIC PRECIP.	b. Electrode Separation (ft)	c. Coll. Electrode Dimensions LxW (ft)	d. Mean Velocity of Gas (ft/sec)
	e. Area (sq ft)	f. Voltage	g. Coll. Electrode or Plate Area (sq ft)	h. Connected to:
5	a. BURNERS	b. Type of Burner, Fuel	c. Make & Model	d. Rating
	e. Number of Units; Ignition	f.	g. CFM Exhausted (Temperature) _____ (____ °F)	h. Connected to:
6	a. STACKS, VENTS	b. Type of Vent	c. Dimensions (LxWxH)	d. Dampers
	e. No. of Vents; Material Used	f.	g. CFM Exhausted (Temperature) _____ (____ °F)	h. Connected to:
7	a. SCRUBBERS	b. Type of Flow (spray, bubbler)	c. Packing Type/Size	d. Pressure Drop (inches of water)
	e. Composition of Solution	f.	g. Flow Rate (GPM)	h. Make-Up (GPM)
8	a. FANS	b. Type of Fan (designate blade)	c. Make & Model	d. Motor Data _____ RPM _____ HP
	e. Number of Fans; Material Used 1 carbon steel	f.	g. CFM Exhausted (Temp @ SP) 6000 (78 °F)	h. Connected to: bag house
9	a. CYCLONES	b. Type of Cyclone [] Common [] Split Duct [] Multiclone	c. Make & Model	d. Inlet Area (sq ft)
	e. Number of Units; Material Used	f. Body Dia. (in.) Outlet Dia. (in.)	g. Body Height (in.) Efficiency	h. Connected to:
10	a. COLLECTION DATA	b. Description of Collected Matl. Portland Cement	c. Amount Collected (lbs/day)	d. Particle Size (microns avg.)
	e. Types of Pollutants [] Gas [X] Particulate [] Odor	f.	g. Collection Efficiency 99.99%	h. Disposition of Collection Waste Return to storage dome
11	a. GAS FLOW	b. Actual CFM	c. SCFM (Reg I Standard)	d. Temperature (°F) In _____ Out _____
	e. Pressure Drop	f. Efficiency	g. Inlet and Outlet Pollutant Concentrations	h.
12	a. ADDITIONAL DATA	b. [] Attach Brochure	c. [] Attach Plans/Specs	d. [] Attach Emission Estimate (show calculation)
	e. [X] Submit Narrative Description of Process	f. [] Submit Source Test Data	g. [] Submit Modeling Data	h. [] Attach Schedule of Equipment with Make, Model, Capacity
	i. []	j. []	k. []	l. []

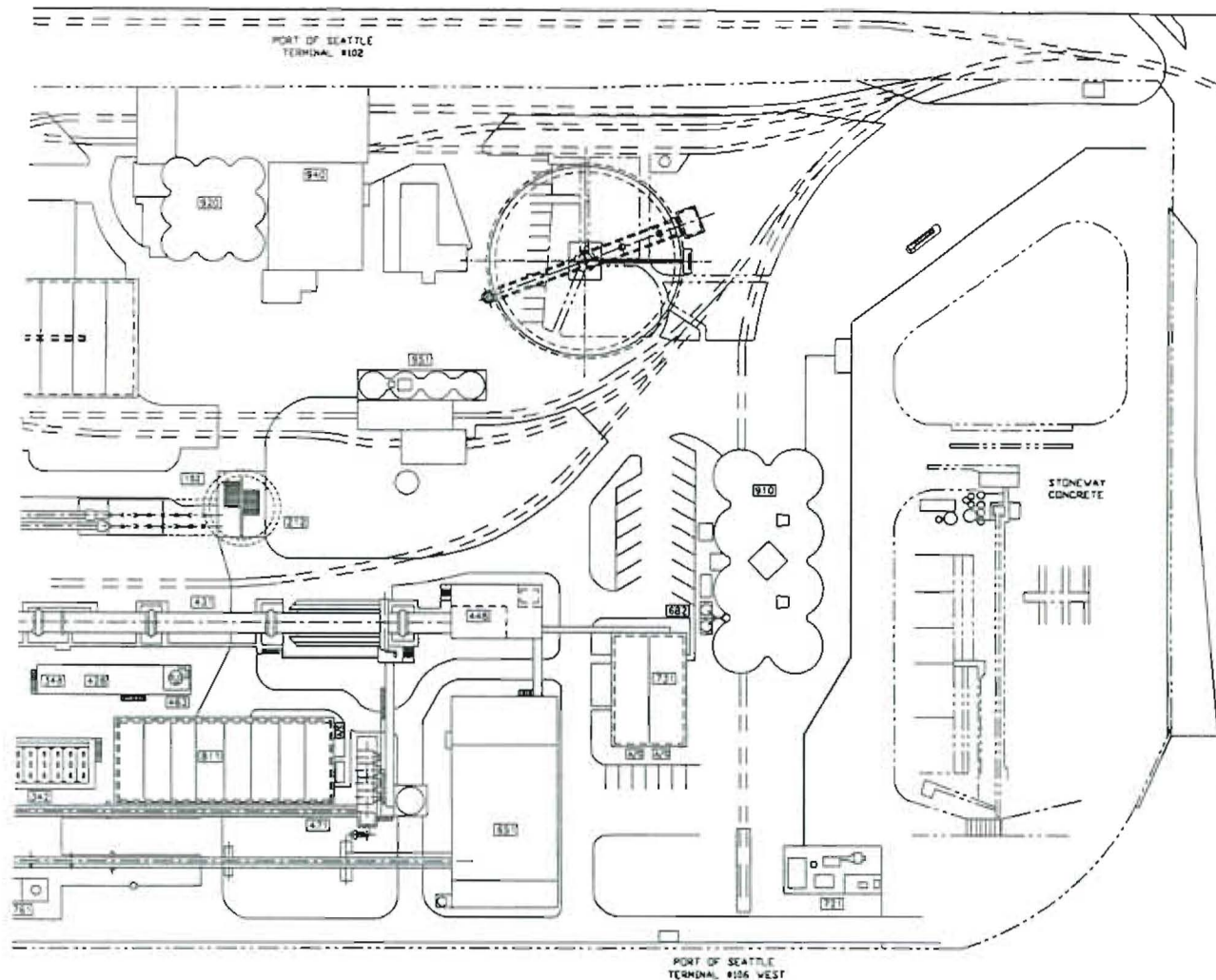
PUGET SOUND AIR POLLUTION CONTROL AGENCY Engineering Division ■ 110 Union Street, Suite 500 ■ Seattle, Washington 98101-2038 ■ (206) 689-4052			
NOTICE of CONSTRUCTION & APPLICATION for APPROVAL			
FOR BASIC PROCESS EQUIPMENT	FORM S	For Agency Use: Date: _____ N/C# _____	

***Note:** Information required by Section 1a must be completed for this form to be accepted for review.

1	a. Complete the Sections Indicated* <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/> 10 <input type="checkbox"/> 11 <input type="checkbox"/> 12	b. Company (or owner) Installation Address ASH GROVE CEMENT CO. 3801 E. Marginal Way So. Seattle Wa. 98134	
	c. Company (or owner) Name ASH GROVE CEMENT CO.	d. Applicant SAME	
	e. Prepared by (name and title) Gerald J. Brown	f. Prepared by (signature) 	g. Phone 206.623-5596
2	a. PROCESS EQUIPMENT c. # of Units; Rated Capacity 1; 45000 tons	b. Title Cement Storage Dome f.	c. Make & Model g. Auxiliary Equipment d. Dimensions (LxWxH) 145' dia x 92.5' H. h. Connected to:
3	a. c.	b. f.	c. g. Equipment d. h. Connected to:
4	a. BURNERS c. # of Units; Ignition Method	b. Type of Burner, Fuel f.	c. Make & Model g. CFM Exhausted (Temperature) _____ (_____) °F d. Rated Capacity h. Connected to:
5	a. STACKS, VENTS, AND EXHAUST OPENINGS c. # of Vents; Material of Construction	b. Type of Vent f.	c. Dimensions g. CFM Exhausted (Temperature) _____ (_____) °F d. h. Connected to:
6	a. TANKS AND KETTLES c. # of Tanks; Material of Construction	b. Type of Tank, Material f.	c. Dimensions (LxWxH) in inches g. Auxiliary Equipment d. Surface Area (sq. ft.) [] Closed [] Open h. Connected to:
7	a. FANS c. # of Fans; Material of Construction	b. Type of Fan (designate blade) f.	c. Make & Model g. CFM Exhausted (Temperature) _____ (_____) °F d. Motor Data _____ RPM _____ HP h. Connected to:
8	a. OVENS & FURNACES c. # of Ovens or Furnaces; Material of Construction	b. Type of Oven or Furnace f.	c. Make & Model g. CFM Exhausted (Temperature) _____ (_____) °F d. Rated Capacity h. Connected to:
9	a. OPERATIONAL DATA c. Duration of Batch (hrs/batch)	b. Type of Operation [] Batch <input checked="" type="checkbox"/> Continuous f.	c. Operating Schedule (normal) Shifts/Day: [] 1 [] 2 [] 3 g. Daily # of Batches _____ avg _____ max d. Mode of Operations [] Manual <input checked="" type="checkbox"/> Auto [] Semi-Auto h. 120 tph in flow 150 tph out flow
10	a. CONVEYORS c. Dimensions (LxWxH)	b. Type of Conveyor (pneumatic, belt) f. pneumatic	c. Make & Model g. # of Pickups 1 # of Discharge Points 1 d. Capacity 150 tph h. Connected to: Finish Mill
11	a. GAS FLOW c. Pressure Drop	b. Actual CFM f. Efficiency	c. SCFM (Reg I Standard) g. Inlet and Outlet Pollutant Concentrations d. Temperature (°F) In _____ Out _____ h.
12	a. ADDITIONAL DATA c. <input checked="" type="checkbox"/> Submit Narrative Description of Process i. []	b. [] Attach Brochure f. [] Submit Source Test Data j. []	c. [] Attach Plans/Specs g. [] Submit Modeling Data k. [] d. <input checked="" type="checkbox"/> Attach Emission Estimate (show calculation) h. [] Attach Schedule of Equipment with Make, Model, Capacity l. []



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- | | |
|--|---|
| 351 RAW MEAL TRANSPORT | 651 FINISH MILLS DEPARTMENT |
| 361 RAW MEAL STORAGE & KILN FEED | 682 CYCLONAIRE TRANSFER SYSTEM |
| 421 CYCLONE PREHEATER | 721 MAIN SUBSTATION |
| 428 ELECTRIC ROOM (PREHEATER) | 731 CENTRAL CONTROL ROOM & OFFICE BLDG. |
| 431 KILN DEPARTMENT & BURNER PLATFORM | 761 WATER HANDLING -- COOLING TOWER |
| 448 ELECTRIC ROOM (BURNER) | 781 LOADING HOIST & MOORING EQUIPMENT |
| 461 RAW COAL STORAGE & FEED | 800 BARGE UNLOADING |
| 462 COAL MILLS, DEDUSTING, & TRANSPORT | 811 WAREHOUSE/MAINTENANCE SHOP BLDG. |
| 463 COAL FIRING EQUIPMENT | 910 GROUP II SILOS |
| 471 CLINKER TRANSPORT TO SILOS | 920 GROUP I SILOS |
| 472 CLINKER TRANSPORT TO STORAGE SHED | 940 PACKHOUSE |
| 473 CLINKER STORAGE SHED | 951 STEEL SCALE TANKS |
| 480 CLINKER SILOS | |

AGCS2M002075

ASH GROVE CEMENT CO.			
DATE 10/27/83		SCALE 1" = 30'	
DRAWING NUMBER		REV. SHEET	
001.000-0002		1	

REV. 1	MODIFIED BARGE UNLOADING SYSTEM
DATE 5/30/85	REVISED PROPERTY BOUNDARY FOR LEASED PROPERTY
AP'D BY	

Synopsis of Operation

The planned modification to the Ash Grove Cement Plant is the fabrication of a 145' wide, 45,000 Ton Cement Storage Dome and the material transport equipment necessary to fill and empty the dome. This equipment includes a 150 TPH MODCO Pneumatic pump with attached 100 HP motor and the necessary piping and valves. The Cement Dome will be vented through an ALANCO 6000 cfm Dust Collector. In addition, modifications to the existing storage tanks are necessary to facilitate the reclamation of cement from the new dome. These modifications include replacement of the existing dust collector with an ALANCO 6000 cfm Dust Collector and the necessary piping and valves to allow material transport from the Finish Mills to the New Dome.

PUGET SOUND AIR POLLUTION CONTROL AGENCY
110 Union Street, Suite 500
Seattle, Washington 98101
ENVIRONMENTAL CHECKLIST

WAIT - You may not need to fill out the attached checklist.
Please read and check the following:

Because of the State Environmental Policy Act, the action for which you are filing a Notice of Construction and Application for Approval to this Agency requires the completion of an environmental checklist.

BUT: If you can answer "yes" to either of the following questions with respect to the action being proposed, the attached checklist need not be completed:

1. I have obtained a State, City or County Permit and filled out an environmental checklist.

☒

Yes

☐

No

If you answered "yes", give State, City or County Department and date, and attach a copy of the checklist.

Washington; King; Seattle DCLU

2. An environmental checklist or assessment has previously been filled out for another agency.

☒

Yes

☐


No

If "yes", give agency and date, and attach a copy of the checklist.

DCLU - Seattle, WA July 8, 1997

If your answer to both of the above questions was "no", you must fill out the attached environmental checklist.

Prepared by:


(Signature)

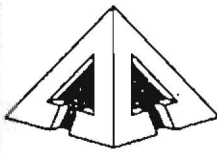
Gerald J. Brown

(Print Name)

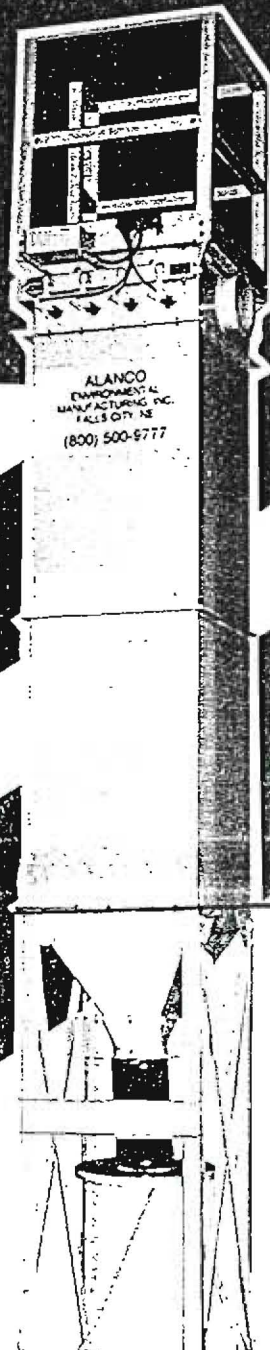
Manager Safety And Environmental
(Title)

Equipment Schedule for the 45,000 Ton Cement Dome

1. 8" Diameter Pneumatic Conveying Lines
2. New Stair Tower & Piping supports
3. Sky Bridge
4. Headhouse
5. New ALANCO 6000 CFM Dust Collector
6. New MODCO Pneumatic Conveying Pump 150 TPH
7. New 10" Diameter Pneumatic conveying lines
8. New ALANCO 6000CFM Dust Collector



ALANCO
ENVIRONMENTAL



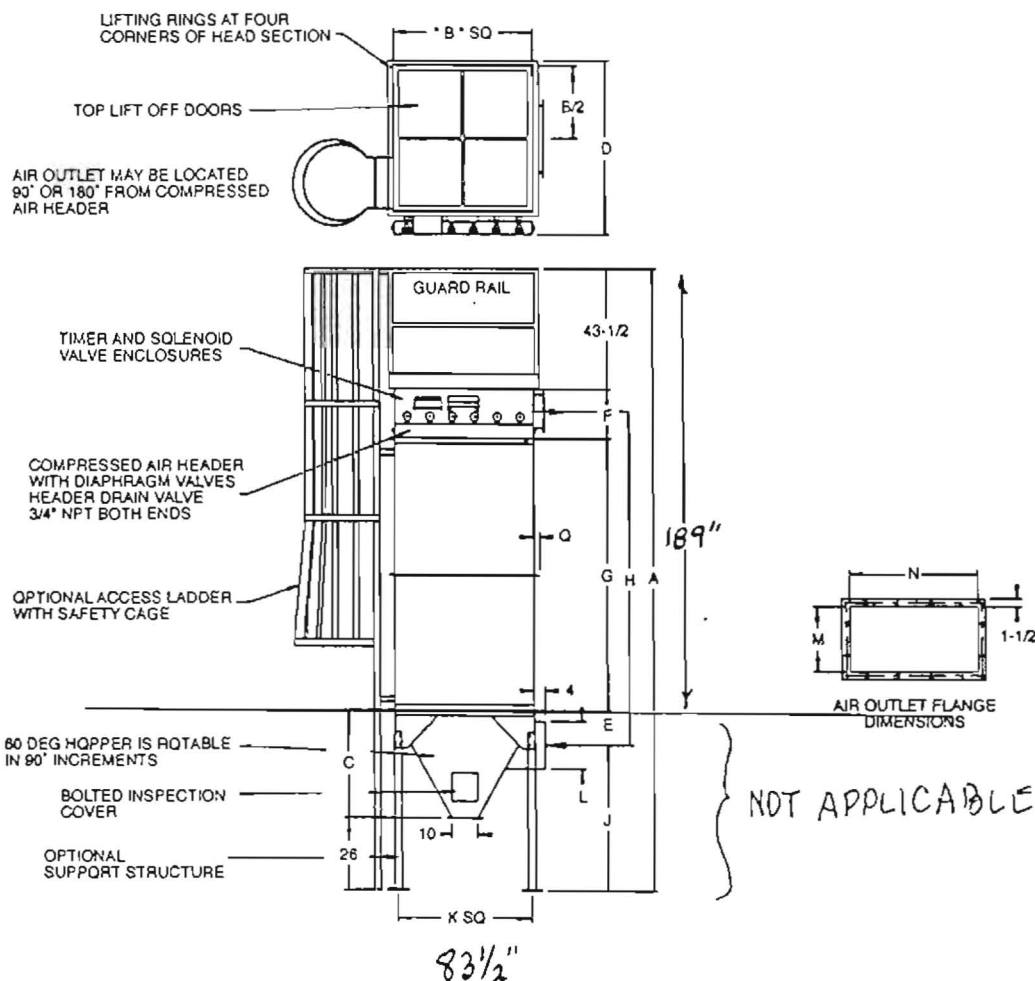
JERRY —
THERE WILL BE 2 OF THESE
ONE ATOP THE DOME
ONE ATOP THE SST's

60 Series

AST

NA

JLSE JET FILTER



MODEL	CLOTH AREA	A	B	C	D	MAX E	F	G	H	J	K	MAX L	M	N	Q	CLNG	WEIGHTS
64AST8	838	247-7/16	69-1/2	53-3/4	80-1/4	15-1/2	24-3/16	100	126-1/2	64-1/4	66-1/2	23	18	34	2	11.32	2715
64AST10	1050	271-7/16	69-1/2	53-3/4	80-1/4	16-1/2	24-3/16	124	151-1/2	63-1/4	66-1/2	25	18	34	2	14.17	2985
64AST12	1261	295-7/16	69-1/2	53-3/4	80-1/4	18	24-3/16	148	177	61-1/4	66-1/2	28	18	34	2	17.02	3280
81AST8	1061	255-5/16	78	61-5/8	89-1/4	16-1/2	24-3/16	100	128	71-1/8	75	25	18	42	2.5	14.32	3390
81AST10	1328	386-5/16	78	61-5/8	89-1/4	18	24-3/16	124	153-1/2	69-5/8	75	28	18	42	2.5	17.93	3730
81AST12	1596	303-5/16	78	61-5/8	89-1/4	19-1/2	24-3/16	148	179	68-1/8	75	31	18	42	2.5	21.54	4100
100AST8	1310	262-11/16	86-1/2	69	98-7/8	16	24-3/16	100	130-1/2	77	83-1/2	28	20	48	2.5	17.69	4250
100AST10	1640	286-11/16	86-1/2	69	98-7/8	20	24-3/16	124	156-1/2	75	83-1/2	32	20	48	2.5	22.14	4675
100AST12	1970	310-11/16	86-1/2	69	98-7/8	21-1/2	24-3/16	148	182	73-1/2	83-1/2	35	20	48	2.5	26.60	5145
121AST8	1585	274-9/16	95	76-7/8	107-7/8	19-1/2	28-3/16	100	134-1/2	83-3/8	92	31	24	48	3	21.40	5325
121AST10	1984	298-9/16	95	76-7/8	107-7/8	21-1/2	28-3/16	124	160-1/2	81-3/8	92	35	24	48	3	26.79	5860
121AST12	2384	322-9/16	95	76-7/8	107-7/8	23	28-3/16	148	186	79-7/8	92	38	24	48	3	32.18	6445
144AST8	1886	281-15/16	103-1/2	84-1/4	116-3/8	21	28-3/16	100	136	89-1/4	100-1/2	34	24	57	3	25.47	6675
144AST10	2362	305-15/16	103-1/2	84-1/4	116-3/8	23	28-3/16	124	162	87-1/4	100-1/2	38	24	57	3	31.88	7340
144AST12	2837	329-15/16	103-1/2	84-1/4	116-3/8	25	28-3/16	148	188	85-1/4	100-1/2	42	24	57	3	38.30	8075
169AST8	2214	289-5/16	112	91-5/8	124-7/8	22-1/2	28-3/16	100	137-1/2	95-1/8	109	37	24	67	3	29.89	8350
169AST10	2772	313-5/16	112	91-5/8	124-7/8	24-1/2	28-3/16	124	163-1/2	93-1/8	109	41	24	67	3	37.42	9185
169AST12	3329	337-5/16	112	91-5/8	124-7/8	26-1/2	28-3/16	148	189-1/2	91-1/8	109	45	24	67	3	44.95	10100



ALANCO ENVIRONMENTAL

QUOTATION

NO: Q-049790 rev2

Date: 9/30/97

Rep: Barnard & Soe

Fax: 206-391-8453

Attn: Steve Barnard

Ref:

From: Mike Walters

cc rep

Customer: Ashgrove Cement
3801 East Marginal Way South
Seattle, WA. 98134

Attn: Ben McBride - ext 210

Ph./fax # 206-623-5596 / 5355

Item #	Qty	Description		Total
1	2	Filter, Alanco Model 100AST10 Style II Air Volume = 6000 cfm Filter Area = 1640 sqft Air to Cloth Ratio = 3.65: 1 Interstitial Velocity = 173 fpm Bag Diameter = 6.1 in Bag Length = 10 ft Cage Diameter = 5.63 in Housing length = 86.5 in Housing Width = 86.5 in Standard Features: Continuous weld construction with flanges at major shipping segments Designed to withstand 17" wg neg. pressure Top bag removal with lift off style access doors (16) oz Singed Polyester bags with SS snap band tops Cages from 11 ga galvanized wire - (12) vertical with horizontal wires at 8" spacing Nema 4 enclosures on all electrical components Magnehelic differential pressure gauge Lifting lugs as required Ladder with cage per OSHA specifications Solvent wash surface preparation Clean air plenum primed on inside Exterior primed and finished with an industrial grade enamel. Safety grate welded into bottom of filter Bottom flange - no holes, weld solid, w' 2" extension of body through flange	\$11,572 ea	\$23,144
2	2	Fan, Model 264DH20 ARR 1 6000 cfm at 12" sp Carbon steel construction complete with unitary base, belt drive, belt guard, shaft guard, clean out door, drain, and flanges 20 hp TEFC, 460/3/60 VAC 1800 rpm motor	\$4,004 ea	\$8,008
Delivery 8-10 weeks from date of approved drawings Prices quoted are List FOB Falls City NE Prices and delivery are good for 30 days Terms are Net 30			Quote Total	\$31,152

ASH GROVE CEMENT COMPANY 3801 E. MARGINAL WAY SOUTH (206) 623-5596 SEATTLE, WA 98134		4262
		10/27 97 19-2/1250
\$ PAY TO THE ORDER OF PSAPCA		\$ 300.00
Three Hundred Dollars -----		00/100 DOLLARS
1 SEAFIRST BANK Industrial Branch 030502 2764 First Ave. S. Seattle, WA 98134		TWO SIGNATURES REQUIRED <i>Carey A. Austell</i> <i>Patricia Jones Noon</i>
"004262" 125000024 7443 104		

ASH GROVE CEMENT COMPANY
SEATTLE, WA 98134

DETACH AND RETAIN THIS STATEMENT
 THE ATTACHED CHECK IS IN PAYMENT OF ITEMS DESCRIBED BELOW
 IF NOT CORRECT, PLEASE NOTIFY US PROMPTLY. NO RECEIPT DESIRED

DATE	DESCRIPTION	AMOUNT
10/27/97	Review Fee for Notice of Construction RE: Storage Dome	300.00

AGC copy



City of Seattle
Department of Construction and Land Use

ENVIRONMENTAL CHECKLIST

Purpose of Checklist

The State Environmental Policy Act (SEPA), chapter 43.21 RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with probable significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the agency identify impacts from your proposal (and to reduce or avoid impacts from your proposal, if it can be done) and to help the agency decide whether an EIS is required.

Instructions for Applicants

This environmental checklist asks you to describe some basic information about your proposal. Governmental agencies use this checklist to determine whether the environmental impacts of your proposal are significant, requiring preparation of an EIS. Answer the questions briefly, with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully, to the best of your knowledge. In most cases you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answer, or if a question does not apply to your proposal, write "do not know" or "does not apply". Complete answers to the questions now may avoid unnecessary delays later.

Some questions ask about governmental regulations, such as zoning, shoreline, and landmark designations. Answer these questions if you can. If you have problems, the governmental agencies can assist you.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonably related to determining if there may be significant adverse impact.

Use of Checklist for Nonproject Proposals

Complete this checklist for nonproject proposals, even though questions may be answered "does not apply". IN ADDITION, complete the SUPPLEMENTAL SHEET FOR NONPROJECT ACTIONS (Part D).

For nonproject actions, the references in the checklist to the words "project", "applicant", and "property or site" should be read as "proposal", "proposer", and "affected geographic area", respectively.

A. BACKGROUND

1. Name of proposed project, if applicable:

45,000 Ton Cement Storage Dome

2. Name of applicant:

Ash Grove Cement Company

3. Address and phone number of applicant and contact person:

Ash Grove Cement Company
3801 East Marginal Way S.
Seattle, WA 98134

Ben McBride
Plant Engineer
(206)623-5596 x210

4. Date checklist prepared:

July 3, 1997

5. Agency requesting checklist:

City of Seattle, Construction and Land Use (DCLU)

6. Proposed timing or schedule (including phasing, if applicable):

Preliminary Planning and Design - 10/15/96

Award Contract - 7/97

Begin Construction - 9/97

Place in Service - 3/98

7. Do you have any plans for future additions, expansion, or further activity related to or connected with this proposal? If yes, explain.

No.

8. List any environmental information you know about that has been prepared, or will be prepared, directly related to this proposal.

As required by DCLU and other necessary regulation agencies.

9. Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? If yes, explain.

No applications are pending.

10. List any government approvals or permits that will be needed for your proposal, if known.

DCLU, PSAPCA

11. Give brief, complete description of your proposal, including the proposed uses and the site of the project. There are several questions later in this checklist that ask you to describe certain aspects of your proposal. You do not need to repeat those answers on this page. (Lead agencies may modify this form to include additional specific information on project description.)
Demolition of existing (1928) frame structure of approx. 3400 sq.ft. Grade level to elevation 9.0'. Install 16' deep by 10' wide reclaim tunnel below grade. Install ring wall foundation 145'dia. Install monolithic hemispheric dome 145' diam. by 92.5' high atop ring wall. Capacity 45000 tons finished cement.
12. Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, and section, township, and range, if known. If a proposal would occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if reasonably available. While you should submit any plans required by the agency, you are not required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

Real property: 3801 E. Marginal Way S.
Seattle, WA 98134

Legal description: Attached Schedule A

TO BE COMPLETED BY APPLICANT:

**EVALUATION FOR
AGENCY USE ONLY**

B. ENVIRONMENTAL ELEMENTS

1. Earth

- a. General description of the site (circle one):

Flat rolling, hilly, steep slopes, mountainous,
other: paved - 8" to 10" concrete

- b. What is the steepest slope on the site (approximate percent slope)?

1%

- c. What general types of soils are found on the site (for example, clay, sand, gravel, peat, muck)? If you know the classification of agricultural soils, specify them and note any prime farmland.

Hydraulic dredge fill overlying alluvial sands and silts with glacially consolidated sandy silt at depths to 165' below ground surface elevation. Stable glacial till 165' below proposed construction site. Geotechnical study completed 12/6/96 by AGI Technologies.

- d. Are there surface indications or history of unstable soils in the immediate vicinity? If so, describe.

No indication or history of unstable soils in the immediate vicinity.

TO BE COMPLETED BY APPLICANT:

- e. Describe the purpose, type, and approximate quantities of any filling or grading proposed. Indicate source of fill.
Fill and grading is anticipated. Cut: 5100 cu.yd.,
Fill: 8750 cu.yd. Select sand and gravel structural fill
for building subgrade base. Grading to be confined to
levelling lawns of demolished office building.
- f. Could erosion occur as a result of clearing, construction, or use? If so,
generally describe.
No erosion should occur. Drainage and erosion control
measures will be utilized as needed. Earth work to be
completed in dry season.

- g. About what percent of the site will be covered with impervious surfaces
after project construction (for example, asphalt or buildings)?

Approximately 40%

- h. Proposed measures to reduce or control erosion, or other impacts to the
earth, if any:

Positive drainage control in accordance with BMP
construction manual.

2. Air

- a. What type of emissions to the air would result from the proposal (i.e.,
dust, automobile, odors, industrial wood smoke) during construction and
when the project is completed? If any, generally describe and give
approximate quantities if known.

See Attachment B.2.a

- b. Are there any off-site sources of emissions or odor that may affect your
proposal? If so, generally describe.

No off-site sources of emissions or odors will
affect the proposal.

- c. Proposed measures to reduce or control emissions or other impacts to
air, if any:

See Attachment B.2.c

3. Water

- a. Surface:

- 1) Is there any surface water body on or in the immediate vicinity of the
site (including year-round and seasonal streams, saltwater, lakes,
ponds, wetlands)? If yes, describe type and provide names. If
appropriate, state what stream or river it flows into.

Adjacent to the west boundary of the property is the
Duwamish waterway/river which flows into Elliott Bay
of Puget Sound.

TO BE COMPLETED BY APPLICANT:

EVALUATION FOR
AGENCY USE ONLY

- 2) Will the project require any work over, in, or adjacent to (within 200 feet) the described waters? If yes, please describe and attach available plans.

No work will be done within 200 ft. of waterway.

- 3) Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected. Indicate the source of fill material.

None. No fill will be required except select structural sand & gravel for floorslab subgrade base.

- 4) Will the proposal require surface water withdrawals or diversions? Give general description, purpose, and approximate quantities if known.

No surface water withdrawals or diversions will be required.

- 5) Does the proposal lie within a 100-year floodplain? If so, note location on the site plan.

Proposal not within the 100 year flood plan.

- 6) Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volume of discharge.

There will be no discharge of waste materials to surface waters.

b. Ground:

- 1) Will ground water be withdrawn, or will water be discharged to ground water? Give general description, purpose, and approximate quantities if known. Ground water/storm water may be withdrawn from foundation excavation as needed during construction of structural base. This water will be directed to site storm collection facility.

- 2) Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: Domestic sewage; industrial, containing the following chemicals ...; agricultural; etc.). Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve. There will be no discharge to sanitary sewers, surface storm waters, city waters used for cooling, truck wash off or any other purposes as a result of this project during operation. During construction of foundation, storm water and ground water collection facility, under current permit by King County Department of

Natural Resources.

TO BE COMPLETED BY APPLICANT:

- c. Water Runoff (including storm water):
- 1) Describe the source of runoff (including storm water) and method of collection and disposal, if any (include quantities, if known). Where will this water flow? Will this water flow into other waters? If so, describe. Building storm drains and site surface runoff is controlled and collected away from the Duwamish waterway, contained on site in a holding tank under Department of Natural Resource Permit #296.
 - 2) Could waste materials enter ground or surface waters? If so, generally describe. No. Waste materials should not be entrained in ground or surface waters. Waste materials are tightly controlled. Surfaces are paved. Runoff is contained on site in a holding tank per Section 3.C.1 above.
- d. Proposed measures to reduce or control surface, ground, or runoff water impacts, if any: Maintain the existing site drainage and containment systems and incorporate temporary sediment filters on ground/storm waters withdrawn from foundation excavation during construction.

4. Plants

- a. Check or circle types of vegetation found on the site:
- ☐ deciduous tree: alder, maple, aspen, other
 - ☐ evergreen tree: fir, cedar, pine, other
 - ☐ shrubs
 - ☒ grass
 - ☐ pasture
 - ☐ crop or grain
 - ☐ wet soil plants: cattail, buttercup, bullrush, skunk cabbage, other
 - ☐ water plants: water lily, eelgrass, milfoil, other
 - ☐ other types of vegetation
- b. What kind and amount of vegetation will be removed or altered?
- Grass lawn will be removed. Approx. one half acre.
- c. List threatened or endangered species known to be on or near the site.
- No threatened or endangered species are known to be on or near the site.
- d. Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:
- Concrete surface paving in the vicinity of construction will be restored as necessary.

TO BE COMPLETED BY APPLICANT:

5. Animals

- a. Circle any birds and animals that have been observed on or near the site or are known to be on or near the site:

birds: ~~hawk, heron, eagle, songbirds~~, other: Pigeons, Geese, Ducks

mammals: ~~deer, bear, elk, beaver~~, other: Rat, Rabbit

fish: ~~bass, salmon, trout, herring, shad~~, other:

- b. List any threatened or endangered species known to be on or near the site.

No threatened or endangered species known to be on or near the site.

- c. Is the site part of a migration route? If so, explain.

The site is not known to be part of a migratory route.

- d. Proposed measures to preserve or enhance wildlife, if any:

None proposed.

6. Energy and Natural Resources

- a. What kinds of energy (electric, natural gas, oil, wood stove, solar) will be used to meet the completed project's energy needs? Describe whether it will be used for heating, manufacturing, etc.

Electrical: Manufacturing (pumping)
Lighting

- b. Would your project affect the potential use of solar energy by adjacent properties? If so, generally describe.

Solar access by adjacent properties should not be affected by this project.

- c. What kinds of energy conservation features are included in the plans of this proposal? List other proposed measures to reduce or control energy impacts, if any:

The project will include state of the art energy efficient equipment and allow more efficient use of the existing equipment by reducing the number of plant shutdowns and startups.

7. Environmental Health

- a. Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? If so, describe. Environmental health hazards are minimal. There is no risk of fire explosions, exposure to toxic or hazardous waste. A minor risk of spill of cement product exists.
- 1) Describe special emergency services that might be required.
- No special emergency services are anticipated to be required.
- 2) Proposed measures to reduce or control environmental health hazards, if any: All aspects of this project will conform to applicable codes and regulations. Plant personnel are trained for on site emergency response and proper work habits.
- b. Noise
- 1) What types of noise exist in the area which may affect your project (for example: traffic, equipment operation, other)?
- No off-site sources of noise is anticipated to affect this proposal.
- 2) What types and levels of noise would be created by or associated with the project on a short-term or a long-term basis (for example: traffic, construction, operation, other)? Indicate what hours noise would come from site. The existing plant runs 24 hours a day, 7 days a week, year round schedule and includes heavy mobile equipment, truck and rail traffic as well as processing equipment fans and compressors. This project will add no significant noise burden.
- 3) Proposed measures to reduce or control noise impacts, if any:
- Primary noise generating equipment related to this project are small dust collector fans and transport pump which will be within building enclosure. Noise will be controlled below required levels.

8. Land and Shoreline Use

- a. What is the current use of the site and adjacent properties?
- This site has constantly been in use since 1928 as a cement production facility. Adjacent properties are used for warehousing, container yards, railroad switching and ready mix concrete.
- b. Has the site been used for agriculture? If so, describe.
- This site has not been used for agriculture.

TO BE COMPLETED BY APPLICANT:

EVALUATION FOR
AGENCY USE ONLY

- c. Describe any structures on the site.

Existing structures include concrete storage silos, clinder kilns, raw & finish grinding facilities storage bins, storage buildings, office buildings, stacking yards, maintenance shops and storerooms.

- d. Will any structures be demolished? If so, what?

Yes. One single story frame and block building of approximately 3400 sq. ft. currently out of service. Built in 1928.

- e. What is the current zoning classification of the site?

IG1 - Industrial General 1.

- f. What is the current comprehensive plan designation of the site?

Industrial

- g. If applicable, what is the current shoreline master program designation of the site?

UI - Urban Industrial

- h. Has any part of the site been classified as an "environmentally sensitive" area? If so, specify.

No part of this plant site has been classified as "Environmentally Sensitive".

- i. Approximately how many people would reside or work in the completed project? No work will be "inside" this project. Nor will any workers be added as a result of this project when completed. Maintenance work on the fans and pump will require minimal personnel involvement.

- j. Approximately how many people would the completed project displace?

None

- k. Proposed measures to avoid or reduce displacement impacts, if any:

Not Applicable

- l. Proposed measures to ensure the proposal is compatible with existing and project land uses and plans, if any:

This proposal is a continuation of the existing use of the plant site. It will be compatible with and in compliance with current zoning and applicable regulations

9. Housing

- a. Approximately how many units would be provided, if any? Indicate whether high, middle, or low-income housing.

Not applicable to this proposal

- b. Approximately how many units, if any, would be eliminated? Indicate whether high, middle, or low-income housing.

No housing is involved in this proposal.

- c. Proposed measures to reduce or control housing impacts, if any:

Not applicable.

10. Aesthetics

- a. What is the tallest height of any proposed structure(s), not including antennas; what is the principal exterior building material(s) proposed? Tallest height of proposed structure is approximately 110 ft. above finished grades. Tallest height of existing structures on the property is 270 ft. above existing grade. Proposed exterior building material is concrete.
- b. What views in the immediate vicinity would be altered or obstructed?

No views are altered or obstructed.

- c. Proposed measures to reduce or control aesthetic impacts, if any:

A clean, monolithic structure.

11. Light and Glare

- a. What type of light or glare will the proposal produce? What time of day would it mainly occur?

Illumination of outside areas will be provided by high pressure sodium lights from dusk to dawn at ground level.

- b. Could light or glare from the finished project be a safety hazard or interfere with views?

No light or glare from the completed project will be a safety hazard or interfere with views.

- c. What existing off-site sources of light or glare may affect your proposal?

No off site light/glare will affect this project.

- d. Proposed measures to reduce or control light and glare impacts, if any:

All lighting above ground level will be shaded and focused. Flood lighting will not be needed as a result of this project.

TO BE COMPLETED BY APPLICANT:

**EVALUATION FOR
AGENCY USE ONLY**

12. Recreation

- a. What designated and informal recreational opportunities are in the immediate vicinity?

Boating and fishing in the Duwamish waterway and in Elliott Bay.

- b. Would the proposed project displace any existing recreational uses? If so, describe.

No. The proposal will have no effect on nor displace any recreational uses.

- c. Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:

Not applicable.

13. Historic and Cultural Preservation

- a. Are there any places or objects listed on, or proposed for, national, state, or local preservation registers known to be on or next to the site? If so, generally describe.

There are no such places known to be on or adjacent to this site.

- b. Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site.

None

- c. Proposed measures to reduce or control impacts, if any:

Not applicable

14. Transportation

- a. Identify public streets and highways serving the site, and describe the proposed access to the existing street system. Show on site plans, if any.

East Marginal Way South
Duwamish Avenue

- b. Is site currently served by public transit? If not, what is the approximate distance to the nearest transit stop?

Site not currently served by public transit. Nearest transit site 1000 feet away.

- c. How many parking spaces would the completed project have? How many would the project eliminate?

The completed project would require no additional parking places. It would eliminate 12 parking spaces in the vicinity of the demolished

"old office building" which has not been used since our sales office staff moved to Bellvue.

AGCS2M002093

TO BE COMPLETED BY APPLICANT:

- d. Will the proposal require any new roads or streets, or improvements to existing roads or streets, not including driveways? If so, generally describe (indicate whether public or private).
No. The proposal will not alter current traffic patterns nor will it require new roads, streets, or improvements.
- e. Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? If so, generally describe.
Yes. the project will be constructed in the immediate vicinity of a plant-site rail spur and may be used to load railcars if feasible.
- f. How many vehicular trips per day would be generated by the completed project? If known, indicate when peak volumes would occur.
This project is unrelated to vehicular traffic.

- g. Proposed measures to reduce or control transportation impacts, if any.

Not applicable.

15. Public Services

- a. Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, other)? If so, generally describe.

the project will not result in an increased need for public services.

- b. Proposed measures to reduce or control direct impacts on public services, if any.

Not applicable

16. Utilities

- a. Circle utilities currently available at the site: electricity, natural gas, water, refuse service, telephone, sanitary sewer, septic system, other.
- b. Describe the utilities that are proposed for the project, the utility providing the service, and the general construction activities on the site or in immediate vicinity which might be needed.
No additional utilities will be required as a result of this project. Utilities in the direct vicinity of the proposal will be relocated and abandoned as shown on the plans.

TO BE COMPLETED BY APPLICANT:

EVALUATION FOR
AGENCY USE ONLY

C. SIGNATURE

The above answers are true and complete to the best of my knowledge.
I understand the lead agency is relying on them to make its decision.

Signature: _____

Henry H. Haselton for
William B. McBride

Date submitted: July 10, 1997

This checklist was reviewed by: _____

TOM SLADE

Environmental Specialist, Department of Construction and Land Use

Any comments or changes made by the Department are entered in the body of
the checklist and contain the initials of the reviewer.

**D. SUPPLEMENTAL SHEET FOR NONPROJECT
ACTIONS**

Not Applicable

(Do not use this sheet for project actions)

Because these questions are very general, it may be helpful to read them in conjunction with the list of the elements of the environment.

When answering these questions, be aware of the extent the proposal, or the types of activities likely to result from the proposal, would affect the item at a greater intensity or at a faster rate than if the proposal were not implemented. Respond briefly and in general terms.

1. How would the proposal be likely to increase discharge to water; emissions to air; production, storage, or release of toxic or hazardous substances; or production of noise?

Proposed measures to avoid or reduce such increases are:

2. How would the proposal be likely to affect plants, animals, fish, or marine life?

Proposed measures to protect or conserve plants, animals, fish, or marine life are:

3. How would the proposal be likely to deplete energy or natural resources?

Proposed measures to protect or conserve energy and natural resources are:

TO BE COMPLETED BY APPLICANT:

**EVALUATION FOR
AGENCY USE ONLY**

4. How would the proposal be likely to use or affect environmentally sensitive areas or areas designated (or eligible or under study) for governmental protection; such as parks, wilderness, wild and scenic rivers, threatened or endangered species habitat, historic or cultural sites, wetlands, floodplains, or prime farmlands?

Proposed measures to protect such resources or to avoid or reduce impacts are:

5. How would the proposal be likely to affect land and shoreline use, including whether it would allow or encourage land or shoreline uses incompatible with existing plans?

Proposed measures to avoid or reduce shoreline and land use impacts are:

6. How would the proposal be likely to increase demands on transportation or public services and utilities?

Proposed measures to reduce or respond to such demand(s) are:

7. Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment.

SCHEDULE A

The Ash Grove Cement West, Inc. Seattle plant site is the real property commonly known as 3801 East Marginal Way, South, Seattle, Washington; and with the following legal description:

CREATED LOT B

BEGINNING ON THE SOUTH LINE OF LOT 19, BLOCK 378, SEATTLE TIDE LANDS, IN KING COUNTY, WASHINGTON, AT A POINT 30.00 FEET WEST OF THE SOUTHEAST CORNER OF SAID LOT, SAID POINT BEING ON THE WESTERLY LINE OF EAST MARGINAL WAY AS ESTABLISHED UNDER CITY OF SEATTLE ORDINANCE NO. 32881; THENCE WESTERLY ALONG THE NORTH LINE OF VACATED WEST DAKOTA STREET TO THE SOUTHWEST CORNER OF LOT 24, BLOCK 387, SEATTLE TIDE LANDS, IN KING COUNTY, WASHINGTON; THENCE NORTHEASTERLY ALONG THE WESTERLY LINE OF SAID BLOCK 387 TO THE NORTHWEST CORNER OF LOT 15, SAID BLOCK 387; THENCE EAST 1376.477 FEET, MORE OR LESS, TO THE NORTHEAST CORNER OF LOT 28, BLOCK 378, SEATTLE TIDE LANDS, IN KING COUNTY, WASHINGTON; THENCE SOUTHEASTERLY ALONG THE EASTERLY LINE OF SAID LOT 28, A DISTANCE OF 57.586 FEET, MORE OR LESS, TO THE WEST LINE OF EAST MARGINAL WAY AS ESTABLISHED UNDER ORDINANCE NO. 32881; THENCE SOUTH ON SAID WEST LINE 546.56 FEET, MORE OR LESS, TO THE POINT OF BEGINNING.

TOGETHER WITH THE NORTH ONE-HALF OF THAT PORTION OF WEST DAKOTA STREET BOUNDED ON THE EAST BY THE WESTERLY LINE OF EAST MARGINAL WAY AS ESTABLISHED UNDER ORDINANCE NO. 32881, AND ON THE WEST BY THE CENTERLINE OF 8TH AVENUE SOUTHWEST (HERETOFORE VACATED) AND ALL OF THE PORTION OF WEST DAKOTA STREET BOUNDED ON THE EAST BY THE CENTERLINE OF 8TH AVENUE SOUTHWEST (HERETOFORE VACATED) AND ON THE WEST BY THE WEST LINE OF LOT 24, BLOCK 387, SEATTLE TIDE LANDS, IN KING COUNTY, WASHINGTON, PRODUCED SOUTH TO THE NORTHWEST CORNER OF LOT 1, CALHOUN, DENNY & EWING'S REPLAT OF BLOCK 388, SEATTLE TIDE LANDS, ACCORDING TO THE PLAT RECORDED IN VOLUME 12 OF PLATS, PAGE 92, IN KING COUNTY, WASHINGTON; SAID DESCRIBED PORTIONS OF WEST DAKOTA STREET HAVING HERETOFORE BEEN VACATED BY ORDINANCE NO. 80964 OF THE CITY OF SEATTLE.

TOGETHER WITH LOTS 1, 2, 47 AND 48, CALHOUN, DENNY & EWING'S REPLAT OF BLOCK 388, SEATTLE TIDE LANDS, ACCORDING TO THE PLAT RECORDED IN VOLUME 12 OF PLATS, PAGE 92, IN KING COUNTY, WASHINGTON.

TOGETHER WITH THE WEST HALF OF 8TH AVENUE SOUTHWEST ADJOINING SAID LOT 47 AND 48 AND THAT PORTION OF 9TH AVENUE SOUTHWEST BOUNDED ON THE NORTH BY SOUTH LINE OF WEST DAKOTA STREET AND ON THE SOUTH BY THE SOUTH LINE OF SAID LOT 2 PRODUCED EAST TO THE SOUTHWEST CORNER OF SAID LOT 47, SAID DESCRIBED PORTIONS OF 8TH AVENUE SOUTHWEST AND 9TH AVENUE SOUTHWEST, HAVING HERETOFORE BEEN VACATED BY ORDINANCE NO. 76243 OF THE CITY OF SEATTLE.

TOGETHER WITH THOSE PORTIONS OF LOTS 3, 4, AND 46, CALHOUN, DENNY & EWING'S REPLAT OF BLOCK 388, SEATTLE TIDE LANDS AND VACATED 9TH AVENUE SOUTHWEST DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT ON THE NORTH LINE OF SAID LOT 46 DISTANT 34.35 FEET WEST FROM THE EAST LINE THEREOF, AS ESTABLISHED BY SAID REPLAT; PROCEED WEST ALONG SAID NORTH LINE AND AS PRODUCED WEST A DISTANCE OF 330.25 FEET TO THE EAST LINE OF THE EAST WATERWAY; THENCE SOUTH 8°23'41" WEST ALONG SAID EAST LINE A DISTANCE OF 62.50 FEET TO A POINT DISTANT 1.83 FEET SOUTH OF THE NORTH LINE OF SAID LOT 4, MEASURED AT RIGHT ANGLES THEREFROM, THENCE EAST PARALLEL TO SAID NORTH LINE A DISTANCE OF 117.50 FEET; THENCE NORTH 74°25'42" EAST A DISTANCE OF 230.33 FEET TO THE POINT OF BEGINNING.

(CONTINUED ON THE FOLLOWING PAGE)



EXCEPT THAT PORTION THEREOF CONVEYED TO THE STATE OF WASHINGTON FOR PRIMARY STATE HIGHWAY NO. 1 BY DEED RECORDED UNDER AUDITOR'S FILE NO. 4861150.

AND EXCEPT THOSE PORTIONS OF LOTS 19 AND 20, BLOCK 379, SEATTLE TIDE LANDS AND THE NORTH HALF OF VACATED SOUTH DAKOTA STREET DESCRIBED AS FOLLOWS:

BEGINNING AT THE INTERSECTION OF THE CENTER LINE OF VACATED SOUTH DAKOTA STREET AND THE WEST MARGIN OF WEST MARGINAL WAY SOUTH, BEING THE WESTERLY LINE OF THAT CERTAIN PARCEL OF REAL PROPERTY CONVEYED TO THE STATE OF WASHINGTON UNDER RECORDER FILE NO. 4861150, RECORDS OF KING COUNTY, FOR STATE HIGHWAY NO. 1; PROCEED NORTH $6^{\circ}36'17''$ WEST ALONG SAID WEST MARGIN A DISTANCE OF 151.53 FEET; THENCE SOUTH $26^{\circ}23'23''$ WEST A DISTANCE OF 42.97 FEET; THENCE NORTH $63^{\circ}36'37''$ WEST A DISTANCE OF 3.50 FEET TO THE SOUTHEASTERLY EDGE OF A CONCRETE WALL FOOTING; THENCE ALONG SAID FOOTING EDGE AND EDGE OF CONCRETE ENTRY ROAD THE FOLLOWING FOUR COURSES AND DISTANCES, SOUTH $26^{\circ}23'23''$ WEST 30.73 FEET, SOUTH $39^{\circ}39'56''$ WEST 56.82 FEET, SOUTH $56^{\circ}31'11''$ WEST 55.36 FEET AND SOUTH $72^{\circ}52'08''$ WEST 39.93 FEET TO AN INTERSECTION WITH THE CENTER LINE OF SAID DAKOTA STREET; THENCE EAST ALONG SAID CENTER LINE A DISTANCE OF 173.92 FEET TO THE POINT OF BEGINNING.

ALL BEARINGS ARE PER PLAT OF SEATTLE TIDE LANDS.



EXHIBIT "A" TO LOT BOUNDARY ADJUSTMENT 8806165
P.M. #240418-4-004

EASEMENT (Underground)

THIS EASEMENT GRANTS to the City of Seattle (hereafter referred to as Grantee), its successors and assigns, the right, privilege and authority to install, construct, erect, alter, improve, repair, energize, operate and maintain electric underground distribution facilities at depths not exceeding 15 feet, which consist of ducts, vaults, manholes, conduits, wires and other necessary or convenient appurtenances to make said underground installations an integrated electric system. All such electric system is to be located across and under the following described lands and premises situated in the County of King, State of Washington, to wit:

A strip of land 10 feet wide over that portion of Lot 19, Block 378, Seattle Tide Lands, lying 5 feet on each side of the following described centerline:

Beginning at the intersection of the centerline of vacated South Dakota Street and the west margin of West Marginal Way South, being the westerly line of that certain parcel of real property conveyed to the State of Washington under Auditor's File No. 4861150, records of King County, for State Highway No. 1;
thence North 60°36'17" West along said west margin a distance of 95.51 feet to the TRUE POINT OF BEGINNING of said centerline description;
thence South 80°00'00" West 42.23 feet, more or less, to the southeasterly line of Lot B, City of Seattle Lot Boundary Adjustment No. 8806165 and to the terminus of said centerline description.

LEGAL DESCRIPTION
BY DE-FEB 24 1989
CHK KS 2/24/89

(Being a portion of Lot A, City of Seattle Lot Boundary Adjustment No. 8806165)

Together with the right at all times to the Grantee, its successors and assigns, of ingress to and egress from said lands across adjacent lands of the Grantor abutting the described easement area for the purpose of installing, constructing, reconstructing, repairing, renewing, altering, changing, patrolling, energizing and operating said electric system, and the right at any time to remove all or any part of said electric system from said lands. The Grantee shall notify the Port of Seattle, its successors and assigns, prior to the Grantee's entry onto said lands.

Also the right to the Grantee, its successors and assigns, at all times to cut and trim brush, trees or other plants standing or growing upon said lands or adjacent lands of the Grantor which, in the opinion of the Grantee, interfere with the maintenance or operation of the system, or constitute a menace or danger to said electric system.

It is further covenanted and agreed that no structure or fire hazards will be erected or permitted within the above described easement area without prior written approval from the Grantee, its successors and assigns; that no digging will be done or permitted within the easement area which will in any manner disturb the facilities or their solidity or unearth any portion thereof; and that no blasting or discharge of any explosives will be permitted within fifty (50) feet of said lines and appurtenances.

The City of Seattle is to be responsible, as provided by law, for any damage through their negligence in the construction, maintenance and operation of said electric system across and under the property granted in this easement.

The rights, title, privileges and authority hereby granted shall continue and be in force until such time as the Grantee, its successors, assigns shall permanently remove said wires and appurtenances from said lands or shall otherwise permanently abandon said electric system, at which time all such rights, title, privileges and authority hereby granted shall terminate.

LOT BOUNDARY ADJUSTMENT
City of Seattle
King County, Washington

Master Use Permit
Application Number: 88061165

APPROVAL:

Director
Department of Construction and Land Use
City of Seattle

400 Municipal Building
Seattle, Washington 98104
Telephone: 625-4509

Examined and approved this 10th day of March, 19 89
By: Patricia Kelly
Senior Land Use Specialist, Land Use Division

NOTE: Approval of this lot boundary adjustment by the Director of the Department of Construction and Land Use under R.C.W. 50.17 as revised by Substitute House Bill No. 320 Section 3(5) is not to be construed as satisfaction of any other applicable legislation or regulations.

This space reserved for recorder's use

89/03/13

RECD F 13.00

REV S 26.00

CASHSL

#0351 B

***39.00
55

CONDITIONS OF APPROVAL:

Upon application for construction permits

1. The owner(s) and/or responsible party(s) shall attach a copy of the recorded LBA to the construction permit plans.
2. The owner(s) and/or responsible party(s) shall submit a drainage control plan for each parcel proposed for development. No detention will be required if drainage is adequately discharged to the Duwamish River.

Parcel A Owner's Name	Address	City	Zip	Phone
Port of Seattle	P.O. Box 1209	Seattle	98111	728-3363
Parcel B Owner's Name	Address	City	Zip	Phone
Ash Grove Cement West, Inc.	3801 E. Marginal Way So., Seattle	98134		623-5596
I certify that the information furnished by me is true and correct to the best of my knowledge.				
<u>[Signature]</u>	<u>[Signature]</u>			
Parcel A Owner's Signature	Parcel B Owner's Signature			

LEGAL DESCRIPTIONS (Provide full legal descriptions of the existing parcels and the lots created by the lot boundary adjustment. Attach additional pages as necessary.)

See Page 3 for Existing Parcel A
See Page 4 for Existing Parcel B
See Page 5 for Created Lot A
See Pages 6 & 7 for Created Lot B

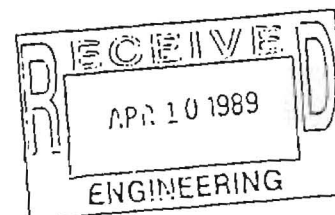
An easement is granted to Seattle City Light as shown on page 9.



Applicant's Signature: [Signature]
Applicant's Name: John M. Fisher, P.L.S.
Address: Port of Seattle
P.O. Box 1209, Seattle, WA 98111

Telephone: 728-3148

MU5/1ba-1



Page 1 of 9

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MAR 13 10 41 AM '89
BY THE DIVISION OF
RECORDS & STATISTICS
KING COUNTY

CONDITIONS OF APPROVAL: (cont.)

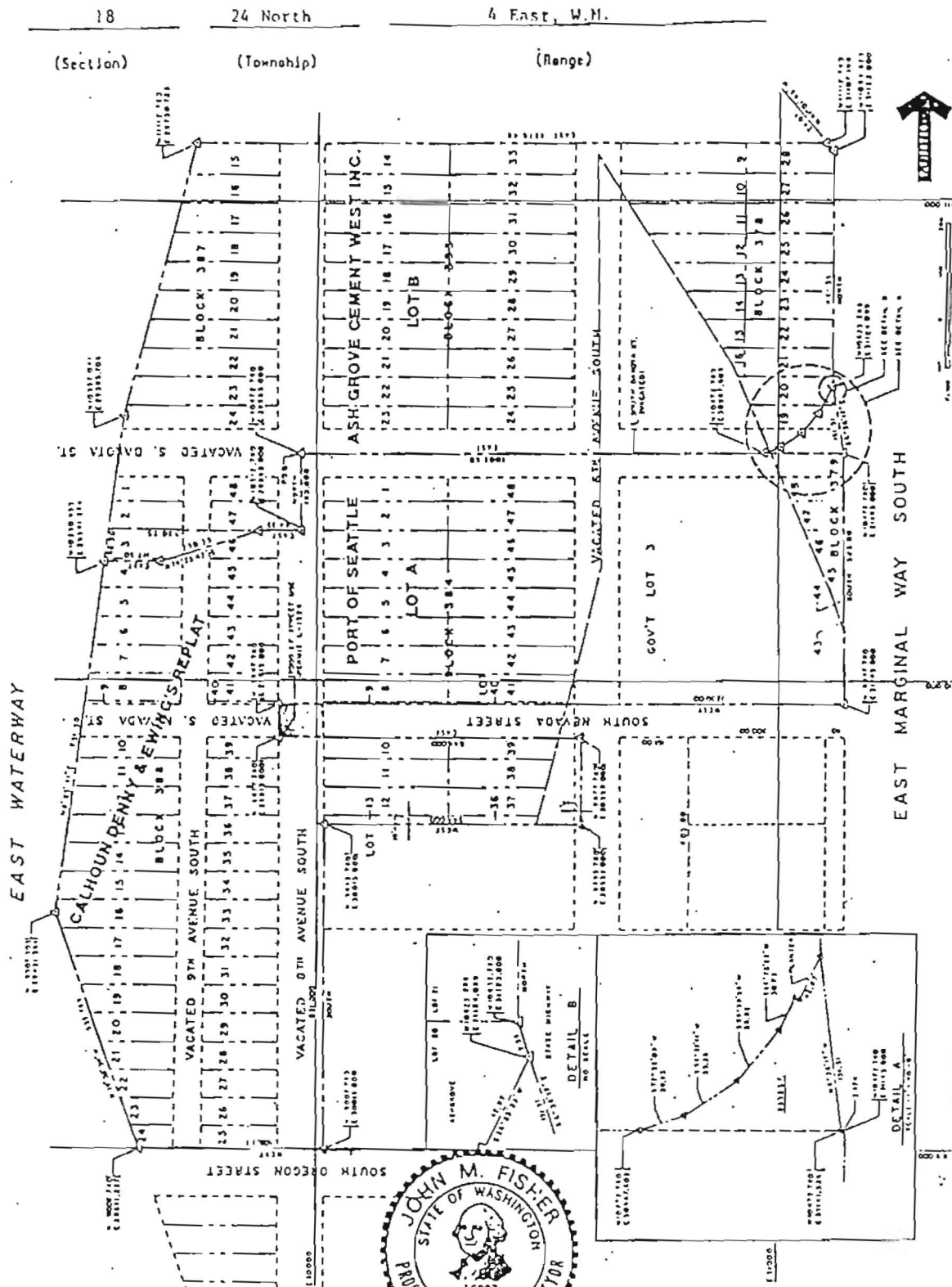
Prior to Issuance of a Building Permit

3. The owner(s) and/or responsible party(s) shall submit concept street improvement plans including, but not limited to, concrete curb, gutter, sidewalk, and street trees along East Marginal Way S.W., adjacent to the property being developed, approved by the Seattle Engineering Department (SED) or the Board of Public Works, as appropriate.

Prior to Occupancy

4. The owner(s) and/or responsible party(s) shall provide street improvements as approved by the Seattle Engineering Department (SED) or be bonded to the satisfaction of SED for construction.

LOT BOUNDARY ADJUSTMENT
CITY OF SEATTLE
DEPARTMENT OF CONSTRUCTION AND LAND USE



Survey Made by: Department of Construction and Land Use

Land Surveyor's Certificate:

This lot boundary adjustment correctly represents a survey made by me or under my direction in accordance with the requirements of appropriate state and county statute and ordinance.

3/8/88 *[Signature]*
Date Signature

Certificate No.: P.L.S. 16907

Master Use Application No.: 98806165

If the plot is not based upon a survey by a Washington State licensed surveyor, the signature of the owner of the property are the only surety that representations on the plot are correct.

Map on file in Vault

Direction:

Scale:

1" = 267'

AGCS2M002105

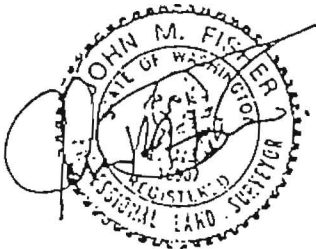
EXISTING PARCEL A

APN: 766670-0390

THAT PORTION OF THE PLAT OF SEATTLE TIDE LANDS AND GOVERNMENT LOT 4, IN THE SOUTH HALF OF SECTION 18, TOWNSHIP 24 NORTH, RANGE 4 EAST, W.M., KING COUNTY, WASHINGTON DESCRIBED AS FOLLOWS:

BEGINNING AT THE CENTER LINE INTERSECTION OF VACATED 8TH AVENUE SOUTH AND VACATED SOUTH DAKOTA STREET PROCEED EAST ALONG THE CENTER LINE OF SAID SOUTH DAKOTA STREET A DISTANCE OF 1180.00 FEET TO THE WEST MARGIN OF EAST MARGINAL WAY SOUTH AS ESTABLISHED BY CITY OF SEATTLE ORDINANCE NO. 32881; THENCE SOUTH ALONG SAID MARGIN A DISTANCE OF 525.00 FEET TO THE NORTH MARGIN OF SOUTH NEVADA STREET; THENCE WEST ALONG SAID NORTH MARGIN A DISTANCE OF 1230.00 FEET TO THE WEST MARGIN OF VACATED 8TH AVENUE SOUTH; THENCE SOUTH ALONG SAID WEST MARGIN PRODUCED SOUTH A DISTANCE OF 70.00 FEET TO THE SOUTH MARGIN OF SOUTH NEVADA STREET; THENCE EAST ALONG SAID SOUTH MARGIN AND AS PRODUCED EAST A DISTANCE OF 644.00 FEET TO A POINT DISTANT 14.00 FEET EAST OF THE EAST LINE OF BLOCK 385, SEATTLE TIDE LANDS PRODUCED SOUTH; THENCE SOUTH PARALLEL WITH SAID EAST LINE A DISTANCE OF 184.00 FEET TO A POINT DISTANT 19.00 FEET SOUTH OF THE NORTH LINE OF LOT 36, BLOCK, 384, SEATTLE TIDE LANDS PRODUCED EAST; THENCE WEST PARALLEL WITH SAID NORTH LINE AND AS PRODUCED A DISTANCE OF 544.00 FEET TO THE EAST MARGIN OF VACATED 8TH AVENUE SOUTH; THENCE SOUTH ALONG SAID EAST MARGIN OF 8TH AVENUE A DISTANCE OF 691.00 FEET TO THE EAST MARGIN OF SOUTH OREGON STREET; THENCE WEST ALONG SAID EAST MARGIN OF OREGON STREET A DISTANCE OF 403.77 FEET TO THE EASTERLY LINE OF THE DUWAMISH WATERWAY AS ESTABLISHED BY THE COMMERCIAL WATERWAY DISTRICT NO. 1; THENCE NORTH $19^{\circ}35'39''$ WEST ALONG SAID EASTERLY LINE A DISTANCE OF 535.75 FEET TO THE MOST WESTERLY POINT OF LOT 6, CALHOUN, DENNY & EWING'S REPLAT OF BLOCK 388, SEATTLE TIDE LANDS; THENCE NORTH $8^{\circ}23'41''$ EAST ALONG THE EAST LINE OF THE EAST WATERWAY A DISTANCE OF 814.00 FEET TO THE NORTH LINE OF LOT 3 OF SAID REPLAT; THENCE EAST ALONG SAID NORTH LINE OF SAID LOT 3 AND AS PRODUCED EAST A DISTANCE OF 414.60 FEET TO THE CENTER LINE OF VACATED 8TH AVENUE SOUTH; THENCE NORTH ALONG SAID CENTER LINE A DISTANCE OF 160.00 FEET TO THE POINT OF BEGINNING.

ALL BEARINGS ARE PER PLAT OF SEATTLE TIDE LANDS.



APN: 766670-0350

EXISTING PARCEL B

BEGINNING ON THE SOUTH LINE OF LOT 19, BLOCK 378, SEATTLE TIDE LANDS, IN KING COUNTY, WASHINGTON, AT A POINT 30.00 FEET WEST OF THE SOUTHEAST CORNER OF SAID LOT, SAID POINT BEING ON THE WESTERLY LINE OF EAST MARGINAL WAY AS ESTABLISHED UNDER CITY OF SEATTLE ORDINANCE NO. 32881; THENCE WESTERLY ALONG THE NORTH LINE OF VACATED WEST DAKOTA STREET TO THE SOUTHWEST CORNER OF LOT 24, BLOCK 387, SEATTLE TIDE LANDS, IN KING COUNTY, WASHINGTON; THENCE NORTHEASTERLY ALONG THE WESTERLY LINE OF SAID BLOCK 387 TO THE NORTHWEST CORNER OF LOT 15, SAID BLOCK 387; THENCE EAST 1376.477 FEET, MORE OR LESS, TO THE NORTHEAST CORNER OF LOT 28, BLOCK 378, SEATTLE TIDE LANDS, IN KING COUNTY, WASHINGTON; THENCE SOUTHEASTERLY ALONG THE EASTERLY LINE OF SAID LOT 28, A DISTANCE OF 57.586 FEET, MORE OR LESS, TO THE WEST LINE OF EAST MARGINAL WAY AS ESTABLISHED UNDER ORDINANCE NO. 32881; THENCE SOUTH ON SAID WEST LINE 546.56 FEET, MORE OR LESS, TO THE POINT OF BEGINNING.

TOGETHER WITH THE NORTH ONE-HALF OF THAT PORTION OF WEST DAKOTA STREET BOUNDED ON THE EAST BY THE WESTERLY LINE OF EAST MARGINAL WAY AS ESTABLISHED UNDER ORDINANCE NO. 32881, AND ON THE WEST BY THE CENTERLINE OF 8TH AVENUE SOUTHWEST (HERETOFORE VACATED) AND ALL OF THE PORTION OF WEST DAKOTA STREET BOUNDED ON THE EAST BY THE CENTERLINE OF 8TH AVENUE SOUTHWEST (HERETOFORE VACATED) AND ON THE WEST BY THE WEST LINE OF LOT 24, BLOCK 387, SEATTLE TIDE LANDS, IN KING COUNTY, WASHINGTON, PRODUCED SOUTH TO THE NORTHWEST CORNER OF LOT 1, CALHOUN, DENNY & EWING'S REPLAT OF BLOCK 388, SEATTLE TIDE LANDS, ACCORDING TO THE PLAT RECORDED IN VOLUME 12 OF PLATS, PAGE 92, IN KING COUNTY, WASHINGTON; SAID DESCRIBED PORTIONS OF WEST DAKOTA STREET HAVING HERETOFORE BEEN VACATED BY ORDINANCE NO. 80964 OF THE CITY OF SEATTLE.

TOGETHER WITH LOTS 1, 2, 47 AND 48, CALHOUN, DENNY & EWING'S REPLAT OF BLOCK 388, SEATTLE TIDE LANDS, ACCORDING TO THE PLAT RECORDED IN VOLUME 12 OF PLATS, PAGE 92, IN KING COUNTY, WASHINGTON.

TOGETHER WITH THE WEST HALF OF 8TH AVENUE SOUTHWEST ADJOINING SAID LOT 47 AND 48 AND THAT PORTION OF 9TH AVENUE SOUTHWEST BOUNDED ON THE NORTH BY THE SOUTH LINE OF WEST DAKOTA STREET AND ON THE SOUTH BY THE SOUTH LINE OF SAID LOT 2 PRODUCED EAST TO THE SOUTHWEST CORNER OF SAID LOT 47, SAID DESCRIBED PORTIONS OF 8TH AVENUE SOUTHWEST AND 9TH AVENUE SOUTHWEST, HAVING HERETOFORE BEEN VACATED BY ORDINANCE NO. 76243 OF THE CITY OF SEATTLE.

EXCEPT THAT PORTION THEREOF CONVEYED TO THE STATE OF WASHINGTON FOR PRIMARY STATE HIGHWAY NO. 1 BY DEED RECORDED UNDER AUDITOR'S FILE NO. 4861150.



Description Per deed

CREATED LOT A

THAT PORTION OF THE PLAT OF SEATTLE TIDE LANDS AND GOVERNMENT LOT 4 IN THE SOUTH HALF OF SECTION 18, TOWNSHIP 24 NORTH, RANGE 4 EAST, W.M., KING COUNTY, WASHINGTON DESCRIBED AS FOLLOWS:

BEGINNING AT THE CENTER LINE INTERSECTION OF VACATED 8TH AVENUE SOUTH AND VACATED SOUTH DAKOTA STREET PROCEED EAST ALONG THE CENTER LINE OF SAID SOUTH DAKOTA STREET A DISTANCE OF 1002.60 FEET TO THE SOUTHEASTERLY EDGE OF A CONCRETE WALL FOOTING; THENCE ALONG SAID FOOTING EDGE AND EDGE OF CONCRETE ENTRY ROAD THE FOLLOWING FOUR COURSES AND DISTANCES, NORTH 72°52'08" EAST 39.93 FEET, NORTH 56°31'11" EAST 55.36 FEET, NORTH 39°39'56" EAST 56.82 FEET, NORTH 26°23'23" EAST 30.73 FEET; THENCE SOUTH 63°36'37" EAST A DISTANCE OF 3.50 FEET; THENCE NORTH 26°23'23" EAST A DISTANCE OF 42.97 FEET TO THE WESTERLY LINE OF THAT CERTAIN PARCEL OF REAL PROPERTY CONVEYED TO THE STATE OF WASHINGTON UNDER KING COUNTY RECORDER FILE NO. 4861150, RECORDS OF KING COUNTY FOR STATE HIGHWAY NO. 1; THENCE SOUTH 6°36'17" EAST, ALONG SAID WESTERLY LINE A DISTANCE OF 151.51 FEET TO THE CENTER LINE OF VACATED SOUTH DAKOTA STREET; THENCE EAST ALONG SAID CENTER LINE A DISTANCE OF 3.47 FEET TO THE WEST MARGIN OF STATE HIGHWAY NO. 1 (EAST MARGINAL WAY SOUTH) AS ESTABLISHED BY CITY OF SEATTLE ORDINANCE 32881; THENCE SOUTH ALONG SAID MARGIN A DISTANCE OF 525.00 FEET TO THE NORTH MARGIN OF SOUTH NEVADA STREET; THENCE WEST ALONG SAID NORTH MARGIN A DISTANCE OF 1230.00 FEET TO THE WEST MARGIN OF VACATED 8TH AVENUE SOUTH; THENCE SOUTH ALONG SAID WEST MARGIN PRODUCED SOUTH A DISTANCE OF 70.00 FEET TO THE SOUTH MARGIN OF SOUTH NEVADA STREET; THENCE EAST ALONG SAID SOUTH MARGIN AND AS PRODUCED EAST A DISTANCE OF 644.00 FEET TO A POINT DISTANT 14.00 FEET EAST OF THE EAST LINE OF BLOCK 385, SEATTLE TIDE LANDS PRODUCED SOUTH; THENCE SOUTH PARALLEL WITH SAID EAST LINE A DISTANCE OF 184.00 FEET TO A POINT DISTANT 19.00 FEET SOUTH OF THE NORTH LINE OF LOT 36, BLOCK 384, SEATTLE TIDE LANDS PRODUCED EAST; THENCE WEST PARALLEL WITH SAID NORTH LINE AND AS PRODUCED A DISTANCE OF 544.00 FEET TO THE EAST MARGIN OF VACATED 8TH AVENUE SOUTH; THENCE SOUTH ALONG SAID EAST MARGIN OF 8TH AVENUE A DISTANCE OF 691.00 FEET TO THE EAST MARGIN OF SOUTH OREGON STREET; THENCE WEST ALONG SAID EAST MARGIN OF OREGON STREET A DISTANCE OF 403.77 FEET TO THE EASTERLY LINE OF THE DUWAMISH WATERWAY AS ESTABLISHED BY THE COMMERCIAL WATERWAY DISTRICT NO. 1; THENCE NORTH 19°35'39" WEST ALONG SAID EASTERLY LINE A DISTANCE OF 535.75 FEET TO THE MOST WESTERLY POINT OF LOT 16, CALHOUN, DENNY & EWING'S REPLAT OF BLOCK 388, SEATTLE TIDE LANDS; THENCE NORTH 8°23'41" EAST ALONG THE EAST LINE OF THE EAST WATERWAY A DISTANCE OF 751.50 FEET TO A POINT DISTANT 1.83 FEET SOUTH OF THE NORTH LINE OF SAID LOT 4, MEASURED AT RIGHT ANGLES THEREFROM; THENCE EAST PARALLEL WITH THE NORTH LINE OF SAID LOT 4 A DISTANCE OF 117.50 FEET; THENCE NORTH 74°25'42" EAST A DISTANCE OF 230.33 FEET TO THE NORTH LINE OF LOT 46, SAID REPLAT; THENCE EAST ALONG SAID NORTH LINE OF SAID LOT 46 AND AS PRODUCED EAST A DISTANCE OF 84.35 FEET TO THE CENTER LINE OF VACATED 8TH AVENUE SOUTH; THENCE NORTH ALONG SAID CENTER LINE A DISTANCE OF 160.00 FEET TO THE POINT OF BEGINNING.

ALL BEARINGS ARE PER PLAT OF SEATTLE TIDE LANDS.



B.2.a During construction: Minor fugitive dust emissions due to construction traffic and materials handling activities; minor smoke and exhaust emissions due to construction welding, cutting and equipment including diesel engine exhaust.

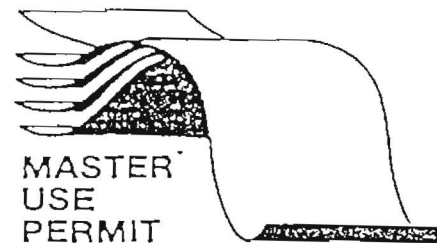
During final operation: Fugitive dust emissions due to materials handling activities but controlled below permitted amounts by dust suppression and/or collection systems; Processing Equipment: particulate, SO₂ and NO_x emissions controlled below permitted amounts.

B.2.c Dust suppression systems will be used on the raw material transport and storage systems. Automated reclaiming from the storage, and pavement of heavily traveled areas will reduce the wheel generated fugitive dusts. Enclosure of the major processing equipment will be to limit noise and potential fugitive emissions. The cooler/kiln/raw mill system will be of a design to limit the exhaust gasses of note to the lowest possible levels. Particulate control will be by the best available technology (BACT) utilizing modern electrostatic precipitation technology.

Seattle Department of Construction and Land Use

R. F. Krochalis, Director
Norman B. Rice, Mayor

October 16, 1997



* NOTICE OF DECISION *

The Director of the Department of Construction and Land Use has reviewed the Master Use Permit application(s) below and issued the following decisions. Interested parties may appeal these decisions.

Hearing Examiner Appeals

To appeal to the City's Hearing Examiner, the appeal MUST be in writing, and be delivered to the Office of the Hearing Examiner, Room 1320, Alaska Building, 618 Second Avenue, Seattle, Washington 98104. Appeals must be received prior to 5:00 P.M. of the appeal deadline indicated below and be accompanied by a \$50.00 filing fee in a check payable to the City of Seattle. (The Hearing Examiner may waive the appeal fee if payment would cause financial hardship.) The appeal must identify all the specific Master Use Permit component(s) being appealed, specify exceptions or objections to the decision, and the relief sought. Appeals to the Hearing Examiner must conform in content and form to the Hearing Examiner's rules governing appeals. (The Hearing Examiner's Office has a form that can be used for land use appeals.) A copy of the Hearing Examiner Rules is available for \$1.00 from DCLU. The Hearing Examiner's Office also provides a "Citizen Guide to the Office of the Hearing Examiner". To be assured of a right to have your views heard, you must be party to an appeal. Do not assume that you will have an opportunity to be heard if someone else has filed an appeal from the decision. You may contact the Hearing Examiner to request intervenor status on a particular appeal. The Office of Hearing Examiner provides barrier free access.

Interpretations

Issues concerning the proper application of any development regulation in the Land Use and Zoning Code (Title 23) or regulations for Environmentally Critical Areas (Chapter 25.09) cannot be raised as part of this appeal. These issues can be considered in an interpretation, which may be appealed to the Hearing Examiner. Interpretations may be requested by any interested person. Requests for interpretations must be filed in writing prior to 5:00 P.M. on the appeal deadline indicated below and be accompanied by a \$880.00 fee payable to the City of Seattle. Requests must be submitted to the Department of Construction and Land Use, Code Interpretation and Implementation Section, 720 Second Avenue. Questions regarding how to apply for a formal interpretation may be asked by phone by calling 684-8467.

Shoreline Decisions

An appeal from a shoreline decision is made to the State Shorelines Hearing Board. It is NOT made to the City Hearing Examiner. The appeal must be in writing and filed within 21 days of the date the DCLU decision is received by the State Department of Ecology (DOE). The DCLU decision will be sent to DOE by the close of business on the Friday of this week. If the Shoreline decision involves a shoreline variance or shoreline conditional use, the appeal must be filed within

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21 days after DOE has made their decision. The information necessary for DOE to make their decision will be sent to them by the close of business on the Friday of this week. The beginning of the appeal period may also be provided to you by calling 684-8467. The minimum requirements for the content of a shoreline appeal and all the parties who must be served within the appeal period cannot be summarized here but written instructions are available at the Department of Construction and Land Use (Client Assistance Memo 232), 710 Second, Suite 200, Seattle, WA 98104-1703, (684-8467) or contact the Shorelines Hearing Board at (206) 459-6327. Failure to properly file an appeal within the required time period will result in dismissal of the appeal. In cases where a shoreline and environmental decision are the only components, the appeal for both shall be filed with the State Shorelines Hearing Board. When a decision has been made on a shoreline application with environmental review and other appealable land use components, the appeal of the environmental review must be filed with both the State Shorelines Hearing Board and the City of Seattle Hearing Examiner.

Comments

When specified below written comments will be accepted. Comments should be addressed to: Department of Construction and Land Use, 710 Second Avenue, Suite 200, Seattle, WA 98104-1703.

Information

For additional information, to obtain a copy of the decision or to learn if a decision has been appealed, contact the Master Use Information and Notification Center, 710 Second Avenue, Suite 200, (684-8467). A copy fee will be charged. The Information and Notification Center is open 8:00 a.m. to 5:00 p.m. on Monday, Wednesday, Thursday, Friday and 10:00 a.m. to 5:00 p.m. on Tuesday.

3801 East Marginal Wy S

Zone IG1 U/85'

Project #9704333

Applicant Contact: Henry Haselton - Phone: 453-8383
DCLU Land Use Planner: Tom Slade - Phone: 233-7193

Master Use Permit to establish use for future construction of a 16,664 sq. ft., 45 thousand-ton capacity, domed, cement storage structure. Project includes installation of stone columns for future foundation of the storage building. Project also includes 13,850 cu. yds. of grading. Parking for 50 vehicles is provided on site.

Declaration of Non-Significance (No environmental impact statement required).
Environmental review completed and no conditions imposed.

Appeals of this decision must be received by the Hearing Examiner no later than October 30, 1997.

CITY OF SEATTLE
ANALYSIS AND DECISION OF THE DIRECTOR
OF THE DEPARTMENT OF CONSTRUCTION AND LAND USE

Application Number: 9704333

Applicant Name: Ash Grove Cement c/o Harry Haselton, P.E.

Address of Proposal: 3801 East Marginal Way S.

SUMMARY OF PROPOSED ACTION

Master Use Permit for construction of a 45,000* ton cement storage structure. The project includes the grading of approximately 13,850 cubic yards of material.

* - Originally noticed as 45

The following approval is required:

SEPA - Environmental Determination - Chapter 25.05, Seattle Municipal Code.

SEPA DETERMINATION: ☐ Exempt ☒ DNS ☐ MDNS ☐ EIS

☐ DNS with conditions

☐ DNS involving non-exempt grading,
or demolition, or another agency with jurisdiction.

BACKGROUND DATA

Site Location: This proposal site is located on the west side of E. Marginal Way S. just north of the SW Nevada Street right of way.

Zoning: The zoning of this proposal site is General Industrial 1 [IG-1] with an 85 foot height limit for non-industrial uses. The parcel has the Urban Industrial shoreline environment, although the portion of the site on which the structure is to be located is outside of the shoreline.

Existing Use: At present, the proposal site is a cement manufacturing and shipping facility.

Zoning in Vicinity: East - IG-1U/85' North - IG-1 U/85'
West - IG-1 U/85' South - IG-1 U/85'

Environmentally Critical Area This proposal site is subject to liquefaction during a seismic event.

Proposal Description

The applicant proposes to construct a 45,000 ton cement storage structure on the northeastern portion of the proposal site. The cement storage facility will be dome shaped with a diameter of 145 feet and a height of 93 feet. In order to construct the at grade floor, a total of approximately 13,850 cubic yards of material will be graded consisting of 5100 cubic yards of cut volume and 8750 cubic yards of fill volume.

Public Comments

The public comment period for this project ended on August 27, 1997. No comments were received.

ANALYSIS - SEPA

The initial disclosure of the potential impacts from this project was made in the environmental checklist submitted by the applicant dated July 10, 1997 and annotated by the Department. The information in the checklist, project plans, and the experience of the lead agency with review of similar projects form the basis for this analysis and decision.

The SEPA Overview Policy (SMC 25.05.665 D) clarifies the relationship between codes, policies, and environmental review. Specific policies for each element of the environment, certain neighborhood plans and other policies explicitly referenced may serve as the basis for exercising substantive SEPA authority.

The Overview Policy states in part: "where City regulations have been adopted to address an environmental impact, it shall be presumed that such regulations are adequate to achieve sufficient mitigation" (subject to some limitations). Under certain limitations/circumstances (SMC 25.05.665 D 1-7) mitigation can be considered. Thus, a more detailed discussion of some of the impacts is appropriate.

Short-Term Impacts

The following temporary or construction-related impacts are expected: decreased air quality due to suspended particulates from building activities and hydrocarbon emissions from construction vehicles and equipment; increased dust caused by drying mud tracked onto streets during construction activities; increased traffic and demand for parking from construction equipment and personnel; conflict with normal pedestrian movement adjacent to the site; increased noise; and consumption of renewable and non-renewable resources.

Several adopted codes and/or ordinances provide mitigation for some of the identified impacts. The Stormwater, Grading and Drainage Control Code regulates site excavation for foundation purposes and requires that soil erosion control techniques be initiated for the duration of construction. The ECA ordinance and DR 3-93 and 3-94 regulate development and construction techniques in designated ECA's, including those prone to liquefaction. The Street Use Ordinance requires debris to be removed from the street right of way, and regulates obstruction of the pedestrian right-of-way. Puget Sound Air Pollution Control Agency regulations require control of fugitive dust to protect air quality. The Building Code provides for construction measures in general. Finally, the Noise Ordinance regulates the time and amount of construction noise that is permitted in the city. Compliance with these applicable codes and ordinances will reduce or eliminate most short-term impacts to the environment and no further conditioning pursuant to SEPA policies is warranted.

Due to the fact that excavation and fill will be undertaken during construction, additional analysis of earth and grading impacts is warranted.

Earth/Soils

The Stormwater, Grading and Drainage Control Code requires preparation of a soils report to evaluate the site conditions and provide recommendations for safe construction on sites where grading will involve cuts or fills of greater than three feet in height or grading greater than 100 cubic yards of material. This project constitutes a "large project" under the terms of the SGDCC [SMC 22.802.015 D]. As such, there are many additional requirements for erosion control including a provision for implementation of best management practices and a requirement for incorporation of an engineered erosion control plan which will be reviewed jointly by the DCLU building plans examiner and geotechnical engineer prior to issuance of the permit. The Stormwater, Grading and Drainage Control Code provides extensive conditioning authority and prescriptive construction methodology to assure safe construction techniques are used, therefore, no additional conditioning is warranted pursuant to SEPA policies.

Grading

An excavation to construct the at grade level of the proposed storage structure will be necessary. The depth of the excavation ranges to a maximum of approximately 10 feet. Structural fill material will be returned to the graded area and thus, soil removed will need to be disposed of off site.

Existing City code (SMC 11.62) requires truck activities to use arterial streets to every extent possible. The proposal site is near several major arterials and traffic impacts resulting from the truck traffic associated with grading will be of short duration and mitigated by enforcement of SMC 11.62. City code (SMC 11.74) provides that material hauled in trucks not be spilled during transport. The City requires that a minimum of one foot of "freeboard" (area from level of material to the top of the truck container) be provided in loaded uncovered trucks which minimizes the amount of spilled material and dust from the truck bed en-route to or from a site. No further conditioning of the grading/excavation element of the project is warranted pursuant to SEPA policies.

Long-Term Impacts

Long-term or use-related impacts are also anticipated as a result of approval of this proposal including: increased surface water runoff due to greater site coverage by impervious surfaces; increased bulk and scale on the site and increased demand for public services and utilities.

Several adopted City codes and/or ordinances provide mitigation for some of the identified impacts. Specifically these are: the ECA Ordinance and Seattle Building Code which specify structural standards for buildings constructed in areas prone to liquefaction. The Stormwater, Grading and Drainage Control Code requires on site collection of stormwater with provisions for controlled tightline release to an approved outlet and may require additional design elements to prevent isolated flooding. The Land Use Code controls site coverage, setbacks, building height and use and contains other development and use regulations to assure compatible development.

According to the applicant, this structure will not increase plant capacity, employment or traffic generation. The purpose of the structure is to keep cement from being exposed to the elements. Keeping finished cement dry assures that the material hydrates better when curing.

Compliance with the applicable codes and ordinances is adequate to achieve sufficient mitigation of long term impacts expected to result from this proposal and no further conditioning is warranted by SEPA policies.

DECISION - SEPA

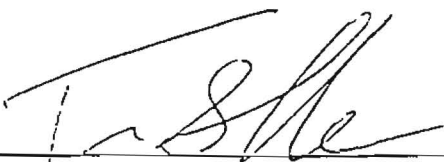
This decision was made after review by the responsible official on behalf of the lead agency of a completed environmental checklist and other information on file with the responsible department. This constitutes the Threshold Determination and form. The intent of this declaration is to satisfy the requirements of the State Environmental Policy Act (RCW 43.21C), including the requirement to inform the public agency decisions pursuant to SEPA.

- [X] Determination of Non-Significance. This proposal has been determined to not have a significant adverse impact upon the environment. An EIS is not required under RCW 43.21C.030 2c.
- [] Determination of Significance. This proposal has or may have a significant adverse impact upon the environment. An EIS is required under RCW 43.21C.030 2c.

CONDITIONS - SEPA

None.

Signature: _____


Tom Slade, Land Use Planning and Development Analyst for
Department of Construction and Land Use
Land Use Division

Date: _____

10/16/97

TWS:dm

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